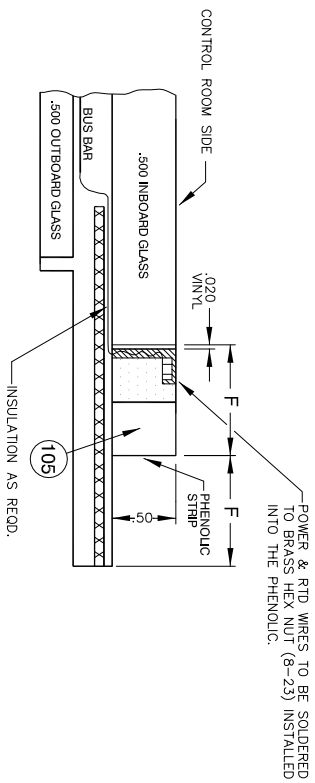
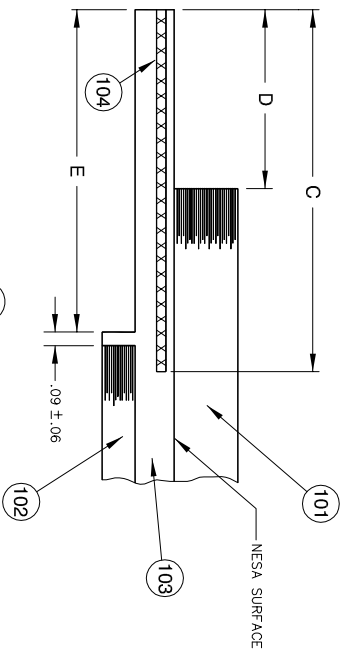


PARTS LIST						
DESCRIPTION	SPECIFICATION	MATERIAL	SIZE	QTY	ITEM	
INSULATOR STRIP	MIL-P-15035 TYPE FBE	PHENOLIC	.50	1	105	
INSERT (1 SOLID PO)	QQ - A -250/4	ALUM 2024-T3	.040	1	104	
INTERLAYER		VINYL	.180	A/R	103	
OUTBOARD PLY		GLASS	.250	1	102	
INBOARD PLY		GLASS	.500	1	101	
WINDOW ASSY					ASSY	

NO.	LOCATION	A	B	C	D	E	F
1	TEST SECTION WALL (OLD)	34.00	49.00	2.59	1.50	2.25	.75
2	TEST SECTION WALL (NEW)	29.25	45.50	2.59	1.50	2.25	.75
3	TEST SECTION CEILING	18.75	59.25	2.09	1.25	1.75	.63



SECTION B
SCALE: NONE 100544

SECTION A
SCALE: NONE
100544


[illegible]

A	1	CHANGED 18 THRU HOLE TO 1/8" WP HOLE	1/06/95	LD/BRPH	Model/Rev SPEC 1/11/94 R.N.S. P.C. 8/15/95
	B	1			

CONTROLLED DRAWING
AEROPROPOSITION SYSTEMS

THIS DRAWING IS THE PROPERTY OF AEROPROPOSITION SYSTEMS
 CONTRACT REPRODUCED WITHOUT PERMISSION FROM AEROPROPOSITION SYSTEMS
 1000 WOODBURN AVE
 WOODBURN, NJ 07096

CHK	NUM	DESCRIPTION	APP DATE
		REVISIONS	

DATE APPROVED	TECH. DESK.	DATE-95 WORK	REV. DATE
 INTERNATIONAL AERONAUTICS AND SPACE CORPORATION JOHN H. CLARK RESEARCH CENTER CLEVELAND, OHIO			

BLDG. 0011

ELECTRICALLY HEATED WINDOWS

ICING RESEARCH TUNNEL

TEST SECTION

WINDOW DETAILS

SIZE	BLDG.975	PROJECT TO	1052	WP-303
CD	0011	-	00100544	- M 41
AREA:				
UNIT: ENGLISH	SOFTWARE: AUTOCAD 2002	SHEET #1	OF 01	
SCALE: NO SCALE	DATE: 06/31/95	REVISION:		B

NOTES

1. ELECTRICAL REQUIREMENTS:
 - A. POWER 500 WATTS/FT²
 - B. 120 VOLTS, 60 HZ.
 - C. 35.2 ± 0.25 OHM RESISTANCE BETWEEN BUS BARS.
2. TONG MARKS TO BE ON BUS BAR EDGE.
3. PRODUCTION TEST:
 - A. APPLICATION OF 2500 VOLTS PER INCH OF INSULATION THICKNESS ON INSERTS AND NE5A AND NE5A AND SIMULATED MOUNTING.
 - B. MEASURE BUS TO BUS RESISTANCE.
 - C. APPLY 150K VOLTAGE, 15 SECONDS
 - D. 70°F, AGR0SS BUS BARS.
4. APPLY PARTING MEDIUM AT DISCRETION OF VENDOR.
5. REMOVE EXCESS NE5A COATING FROM EDGES AND REVERSE SIDE.
6. P.D.'S TO BE NICKLE RING RATED .339 OHMS @ 10°F, NORMAL OPERATING RANGE 0°F TO 150°F.